



University Fire Department

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Douglas R. Schrage Fire Chief

Hot Work Policy

1. Purpose

The purpose of this policy is to establish the minimum safety requirements for hot work activities performed by University Fire Department personnel. This policy is intended to protect the health and safety of all personnel and the public by ensuring that hot work is performed in a safe and controlled manner. The policy applies to all hot work activities, including welding, cutting, brazing, and grinding, performed on or near structures, equipment, or materials. The policy is based on the National Fire Protection Association (NFPA) standards and the University of Alaska Fairbanks safety regulations. The policy is subject to change without notice.

2. Authority

This policy is authorized by the University of Alaska Fairbanks Board of Regents and the University Fire Department. The policy is the property of the University of Alaska Fairbanks and is loaned to the University Fire Department. It is to be used only for the purposes intended and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the University of Alaska Fairbanks.

3. Scope

This policy applies to all hot work activities performed by University Fire Department personnel. The policy applies to all hot work activities, including welding, cutting, brazing, and grinding, performed on or near structures, equipment, or materials. The policy applies to all hot work activities performed on or near structures, equipment, or materials. The policy applies to all hot work activities performed on or near structures, equipment, or materials. The policy applies to all hot work activities performed on or near structures, equipment, or materials.

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- approving hot work permits
- submitting a copy of the permit to the Hot Work Program Manager.

c. Hot Work Employee

The worker who is performing the hot work is responsible for:

- completing classroom hot work training to the requirements of this policy
- performing hot work in accordance with the requirements of this policy
- being familiar with the facility and how to sound an alarm in the event of a fire
- filling out the work area preparation section of the hot work permit
- making the work area fire safe and verifying on the permit that work can start
- ensuring the required safety precautions per the hot work permit are followed.

d. Fire Watch

The Fire Watch, which simultaneously can be the worker, is responsible for:

- being alert to all conditions that may directly involve the safety of the cutter or welder and observing the cutter or welder for sparks, flame, or slag that lands on clothing or protective equipment
- being trained to the requirements of this policy
- having the appropriate fire extinguisher readily available
- being familiar with the facility and how to sound an alarm in the event of a fire
- extinguishing a fire and/or sounding the fire alarm
- calling emergency services at 911 and EH&S at x5413 as needed
- completing the Closeout section of the permit.

5. Precautions and Requirements

- A hot work permit must be completed prior to initiating hot work and posted at the work area
- Hot work must be approved by the Authorized Person. For externally contracted work the applicable Project Manager is the Authorized Person
- Hot Work is permitted only in areas that is or has been made fire safe.

- Hot Work equipment shall be in good working condition and fully inspected.
- The Authorized Person shall perform a hazard assessment of the scheduled hot work and the work area where the following conditions exist:
 - x fire suppression system is not operable or does not exist
 - x fire/smoke detection system is localized only or does not exist
 - x special potential hazards such as work in confined area, attic, or crawlspace in which an increased fire risk may exist

This hazard assessment includes the identification on the permit of any special precautions and controls and the fire watch requirements which will be at least 60 minutes after